



National Aeronautics and
Space Administration

Principal Center for Regulatory Risk Analysis and Communication

Regulatory Tracking Summary

29 June 2012

This report summarizes regulatory items reviewed by the NASA RRAC PC and includes items with direct applicability to NASA facilities and operations, as well as items of general interest. Notes and comments by the RRAC PC are shown in bold, blue text under "Description." Related documents and citations, such as "77 FR 51967," are linked to the appropriate document for quick access. Suggested follow-up actions are noted with significant items; users are advised that other follow-up actions may be appropriate for their program or facility. Previous issues of this regulatory summary and other materials are archived on the RRAC PC website at <http://www.nasa.gov/offices/rrac/home/>. Comments, questions, suggestions, and requests for further information should be directed to the RRAC PC Manager, Sharon Scroggins at 256-544-7932 (sharon.scroggins@nasa.gov).

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Acronyms and Abbreviations

AB = Assembly Bill	NASA = National Aeronautics and Space Administration
AFV = Alternative fueled vehicle	NESHAP = National Emission Standards for Hazardous Air Pollutants
APC = Air Pollution Control	NHTSA = National Highway Traffic Safety Administration
AQI = Air quality index	NMAC = New Mexico Administrative Code
ARB = Air Resources Board	NNSR = Nonattainment New Source Review
ARC = Ames Research Center	NPDES = National Pollutant Discharge Elimination System
ASAP = Aerospace Safety Advisory Panel	NSPS = New Source Performance Standards
AVAQMD = Antelope Valley Air Quality Management District	NSR = New Source Review
CAA = Clean Air Act	NSRL = No significant risk level
CAS = Chemical Abstract Service	OEHA = Office of Environmental Health Hazard Assessment
CCR = <i>California Code of Regulations</i>	OEPA = Ohio Environmental Protection Agency
CDR = Chemical data reporting	OSHA = Occupational Safety and Health Administration
CEC = California Energy Commission	PAL = Plantwide Applicability Limit
CEMS = Continuous emission monitoring system	PAR = proposed amended rule
CFR = <i>Code of Federal Regulations</i>	PCB = Polychlorinated biphenyl
CO ₂ = Carbon dioxide	PM = Particulate matter
CPI = Consumer Price Increase	PM _{2.5} = Particulate matter having an aerodynamic equivalent diameter of 2.5 microns or less
CRNR = California Regulatory Notice Register	PM ₁₀ = Particulate matter having an aerodynamic equivalent diameter of 10 microns or less
DAPC = Division of Air Pollution Control	ppm = Parts per million
DFARS = Defense Federal Acquisition Regulation Supplement	PPE = Personal protective equipment
DFRC = Dryden Flight Research Center	PSD = Prevention of significant deterioration
DoD = U.S. Department of Defense	RCRA = Resource Conservation and Recovery Act
DOT = U.S. Department of Transportation	REACH = Registration, Evaluation, and Authorisation of Chemicals
DPR = Department of Pesticide Regulation	REL = Reference exposure level
ECA = Emission control area	RICE = Reciprocating internal combustion engine
ECHA = European Chemicals Agency	RIN = Regulatory Identification Number
EPA = U.S. Environmental Protection Agency	RRAC PC = Principal Center for Regulatory Risk Analysis and Communication
ERP = Environmental Resource Permit	SCAQMD = South Coast Air Quality Management District
F.A.C. = Florida Administrative Code	SIP = State Implementation Plan
FAW = <i>Florida Administrative Weekly</i>	SJRWMD = St. John's River Water Management District
FDEP = Florida Department of Environmental Protection	SNUR = Significant New Use Rules
FR = <i>Federal Register</i>	SO ₂ = Sulfur dioxide
FTC = Federal Trade Commission	Solar = Small renewable energy
GHG = Greenhouse gas	SRP = Scientific Review Panel
HAP = Hazardous air pollutant	SSFL = Santa Susana Field Laboratory
HFO = Hydrofluoroolefin	SVHC = Substance of very high concern
HFO-1234ze = trans-1,3,3,3-tetrafluoropropene	SWRCB = State Water Resources Control Board
HGB = Houston/Galveston/Brazoria	TMDL = Total maximum daily load
IRIS = Integrated Risk Information System	TSCA = Toxic Substances Control Act
JPL = Jet Propulsion Laboratory	UAC = Utah Administrative Code
LARWQCB = Los Angeles Regional Water Quality Control Board	U.S. = United States
MAB = Mississippi Administrative Bulletin	VAC = Virginia Administrative Code
MADL = Maximum allowable dose level	VA.R. = <i>Virginia Register</i>
MAF = Michoud Assembly Facility	VDEQ = Virginia Department of Environmental Quality
µg/day = Micrograms per day	VOC = Volatile organic compound
µg/m ³ = Micrograms per cubic meter	WFF = Wallops Flight Facility
mg/m ³ = Milligrams per cubic meter	
MS4 = Municipal separate storm sewer system	
MVAC = Motor vehicle air conditioning	
NAA = Nonattainment area	
NAAQS = National Ambient Air Quality Standards	

1.0 U.S. Federal Regulatory Review

1.1 Federal Register Summary

This summary includes FR items that were reviewed for potential impacts to NASA Centers and related operations.

Tracking Number	Subject	Date Published	Citation	Type Action	Description	Suggested Actions
FED062912-1	Air Aircraft Engines	06/18/2012	77 FR 36341	Final Rule	U.S. Environmental Protection Agency Control of Air Pollution From Aircraft and Aircraft Engines; Emission Standards and Test Procedures [40 CFR Parts 87 and 1068] Amends aircraft engine test procedures and certain new emissions and reporting requirements for engine manufacturers. Effective 07/18/2012. [RIN 2060-AO70]	
FED062912-2	Air NAAQS-PM	06/29/2012	77 FR 38760	Notice Correction	U.S. Environmental Protection Agency National Ambient Air Quality Standards for Particulate Matter [40 CFR Parts 50, 51, 52, 53, and 58] Corrects a typographical error in one table contained in the preamble of the proposed rule. (77 FR 38890 , 06/29/2012). [RIN 2060-AO47]	
FED062912-3	Air NAAQS-PM	06/29/2012	77 FR 38889	Proposed Rule	U.S. Environmental Protection Agency National Ambient Air Quality Standards for Particulate Matter [40 CFR Parts 50, 51, 52, 53, and 58] Proposes to revise the NAAQS for PM and the data-handling conventions for PM and ambient air monitoring, reporting, and network design requirements. Specifically, the proposed rule would do the following: <ul style="list-style-type: none"> Lower the annual PM_{2.5} standard within a range of 12 to 13 µg/m³. Amend the AQI for PM_{2.5} to be consistent with the proposed primary PM_{2.5} standards. Retain the current primary 24-hour PM₁₀ standard. Add a secondary PM_{2.5} standard, defined in terms of a PM_{2.5} visibility index. This action also proposes revisions to the PSD permitting program with respect to the proposed NAAQS revisions. Details on a public hearing will be announced in a separate notice. Comments due 08/31/2012. [RIN 2060-AO47]	NASA Centers should be aware of this action.
FED062912-4	Air NESHAP-RICE	06/21/2012	77 FR 37361	Notice	U.S. Environmental Protection Agency National Emission Standards for Hazardous Air Pollutants for Reciprocating Internal Combustion Engines; New Source Performance Standards (NSPS) for Stationary Internal Combustion Engines [40 CFR Parts 60 and 63] Announces a public hearing for the proposed "National Emission Standards for Hazardous Air Pollutants for Reciprocating Internal Combustion Engines; NSPS for Stationary Internal Combustion Engines" (77 FR 33811 , 06/07/2012) scheduled for 07/10/2012 in Washington, D.C. Also announces an extension of the public comment period to 08/09/2012. [RIN 2060-AQ58]	NASA Centers should be aware of this notice.

Tracking Number	Subject	Date Published	Citation	Type Action	Description	Suggested Actions
FED062912-5	Air Ozone	06/19/2012	77 FR 36534	Notice	U.S. Environmental Protection Agency Third External Review Draft Integrated Science Assessment for Ozone and Related Photochemical Oxidants Announces availability of the document titled, " Third External Review Draft Integrated Science Assessment for Ozone and Related Photochemical Oxidants ." The document was prepared as part of the review of the Ozone NAAQS. Comments due 08/20/2012.	
FED062912-6	Air VOCs	06/22/2012	77 FR 37610	Final Rule	U.S. Environmental Protection Agency Air Quality: Revision to Definition of Volatile Organic Compounds—Exclusion of trans-1,3,3,3-tetrafluoropropene [40 CFR Part 51] Revises the definition of VOCs by adding HFO-1234ze to the list of compounds excluded from the definition of VOCs on the basis that the compound makes a negligible contribution to tropospheric ozone formation. Effective 07/23/2012. [RIN 2060-AQ38]	
FED062912-7	Commercial Space Transportation	06/26/2012	77 FR 38090	Notice Meeting	National Aeronautics and Space Administration Aerospace Safety Advisory Panel; Meeting Announces a meeting to review, identify, evaluate, and advise about program activities, systems, procedures, and management activities that can contribute to program risk. Programs involving the safety of human flight receive priority. Agenda items include the following: <ul style="list-style-type: none"> ▪ Updates on the Space Launch System ▪ Multi-Purpose Crew Vehicle ▪ Commercial Crew Program ▪ Kennedy Space Center Safety Program Overview ▪ NASA Responses to ASAP Recommendations Meeting is scheduled for 07/20/2012 at Kennedy Space Center, Florida.	
FED062912-8	Fuels Alternative Fuels	06/19/2012	77 FR 36423	Proposed Rule	Federal Trade Commission Labeling Requirements for Alternative Fuels and Alternative Fueled Vehicles (AFV) [16 CFR Part 309] Solicits comments on two proposed amendments to consolidate the FTC's AFV labels with new fuel economy labels and to eliminate FTC requirements for used AFV labels. Comments due 08/17/2012.	
FED062912-9	Hazardous Materials Transportation	06/19/2012	77 FR 36604	Notice	Pipeline and Hazardous Materials Safety Administration; U.S. Department of Transportation, Notice of Actions on Special Permit Applications Announces modification of Permit Number 15531-M, NASA, Washington, D.C. originally issued on an emergency basis for ongoing use.	
FED062912-10	Hazardous Materials Transportation	06/25/2012	77 FR 37961	Final Rule	Pipeline and Hazardous Materials Safety Administration Hazardous Materials: Incorporating Rail Special Permits Into the Hazardous Materials Regulations [49 CFR Parts 171, 172, 173, 174, 179, and 180] Amends the Hazardous Materials Regulations to incorporate provisions contained in certain rail special permits that have general applicability and established safety records. Revisions provide wider access to the regulatory flexibility offered in special permits and eliminate the need for numerous renewal requests. Effective 07/25/2012. [RIN 2137-AE55]	

Tracking Number	Subject	Date Published	Citation	Type Action	Description	Suggested Actions
FED062912-11	Occupational Safety Head Protection	06/22/2012	77 FR 37587	Final Rule	Occupational Safety and Health Administration Updating OSHA Standards Based on National Consensus Standards; Head Protection [29 CFR Parts 1910, 1915, 1917, 1918, and 1926] Direct final rule makes the following amendments to OSHA standards: <ul style="list-style-type: none"> Revises PPE sections of general industry, shipyard employment, longshoring, and marine terminal standards regarding head protection requirements. Updates references to recognize the American National Standard for Industrial Head Protection, 2009 edition. Updates the construction industry standard. Effective 09/20/2012. [RIN 1218-AC65] 	
FED062912-12	Occupational Safety Respirators	06/25/2012	77 FR 37862	Proposed Rule	Department of Health and Human Services Open-Circuit Self-Contained Breathing Apparatus Remaining Service-Life Indicator Performance Requirements [42 CFR Part 84] Proposes to revise the current requirement for open-circuit self-contained breathing apparatus remaining service-life indicators to allow greater latitude in the setting of the indicator alarm to ensure that the alarm more effectively meets protection needs of different work operations. Comments due 08/24/2012. [RIN 0920-AA38] Open-circuit self-contained breathing apparatus remaining service-life indicators are devices built into a respirator to alert the user that the breathing air provided by the respirator is close to depletion.	
FED062912-13	Risk Assessment	06/19/2012	77 FR 36533	Notice	U.S. Environmental Protection Agency Notice of Availability of the Benchmark Dose Technical Guidance Announces availability of the Benchmark Dose Technical Guidance . When appropriate, EPA intends to use the guidance in conducting risk assessments.	
FED062912-14	Toxic Substances Hexavalent Chromium	06/29/2012	77 FR 39141	Final Rule	Defense Acquisition Regulations System, U.S. Department of Defense Defense Federal Acquisition Regulation Supplement: Applicability of Hexavalent Chromium Policy to Commercial Items (DFARS Case 2011-D047) [48 CFR Parts 212, 244, and 252] Amends the DFARS to clarify applicability to commercial items of DoD policies relating to the use of material containing hexavalent chromium. Effective 06/29/2012. Although DFARS requirements do not apply to NASA, limitations on military use of materials containing hexavalent chromium could adversely affect their availability in the supply chain.	NASA Programs using materials containing hexavalent chromium should be aware of this action.
FED062912-15	Toxic Substances Reporting	06/18/2012	77 FR 36170	Final Rule	U.S. Environmental Protection Agency TSCA Inventory Update Reporting Modifications; Chemical Data Reporting: 2012 Submission Period Extension [40 CFR Part 711] Amends the TSCA CDR regulations by extending the submission deadline for 2012 reports to 08/13/2012. Effective 06/18/2012. [RIN 2070-AJ43] CDR regulations require manufacturers and importers of certain chemical substances included on the TSCA Chemical Substance Inventory to report current data on the manufacturing, processing, and use of the chemical substances.	

Tracking Number	Subject	Date Published	Citation	Type Action	Description	Suggested Actions
FED062912-16	Toxic Substances SNURs	06/22/2012	77 FR 37608	Notice Withdrawal	U.S. Environmental Protection Agency Significant New Use Rules on Certain Chemical Substances [40 CFR Parts 9 and 721] EPA is withdrawing SNURs for seven chemical substances previously published (77 FR 25235 , 04/27/2012). EPA intends to propose SNURs for these seven chemical substances under a separate notice. Effective 06/26/2012. [RIN 2070-AB27]	
FED062912-17	Toxic Substances SNUR-Complex Strontium Aluminum	06/22/2012	77 FR 37609	Notice Withdrawal	U.S. Environmental Protection Agency Significant New Use Rule on Certain Chemical Substances [40 CFR Parts 9 and 721] EPA is withdrawing a SNUR for chemical substances identified generically as complex strontium aluminum, rare earth doped (77 FR 24613 , 04/25/2012). This SNUR is being resubmitted as a proposed rule (see item FED062912-21 below). Effective 06/25/2012. [RIN 2070-AB27]	
FED062912-18	Toxic Substances SNUR-Complex Strontium Aluminum	06/22/2012	77 FR 37364	Proposed Rule	U.S. Environmental Protection Agency Significant New Use Rules on Certain Chemical Substances [40 CFR Parts 9 and 721] Proposes a SNUR for chemical substances identified generically as complex strontium aluminum, rare earth doped. This action would require persons who intend to manufacture, import, or process any of the chemical substances for an activity that is designated as a significant new use by this proposed rule to notify EPA at least 90 days before beginning that activity. Comments due 07/23/2012. [RIN 2070-AB27]	
FED062912-19	Toxic Substances Trimethylbenzene	06/29/2012	77 FR 38799	Notice	U.S. Environmental Protection Agency Draft Toxicological Review of 1,2,3-, 1,2,4-, and 1,3,5-Trimethylbenzene: In Support of the Summary Information in the Integrated Risk Information System (IRIS) Announces a public comment period and a public listening session for the external draft IRIS Toxicological Review of Trimethylbenzenes . The purpose of the listening session is to allow interested parties to present scientific and technical comments about the draft IRIS health assessment to EPA. Listening session is scheduled for 08/01/2012. Comments due 08/28/2012.	
FED062912-20	Water Drinking Water	06/28/2012	77 FR 38523	Final Rule	U.S. Environmental Protection Agency Expedited Approval of Alternative Test Procedures for the Analysis of Contaminants Under the Safe Drinking Water Act: Analysis and Sampling Procedures [40 CFR Part 141] Approves alternative testing methods for use in measuring the levels of contaminants in drinking water and for evaluating compliance with national primary drinking water regulations. Effective 06/28/2012.	

1.2 Other News and Developments

1.2.1 European Chemicals Agency Adds 13 Chemicals to the Candidate List

On 18 June 2012, the ECHA added 13 substances of very high concern (SVHCs) to the Candidate List under the European Union's Registration, Evaluation, Authorization and Restriction of Chemicals (REACH) regulation ([Regulation No 1907/2006 for Registration, Evaluation, Authorisation and Restriction of Chemicals](#)). Substances on the SVHC Candidate List are eligible to be considered for listing on the Authorization List, REACH Annex XIV, which would impose special authorization for continued manufacture and use in the EU. Although such requirements

do not affect operations in the U.S. directly, they can affect the global supply chain and reduce the availability of regulated materials.

The substances identified as SVHCs and added to the Candidate List are as follow:

Substance Name	CAS Number	SVHC Property
1,2-bis(2-methoxyethoxy)ethane (TEGDME; triglyme)	112-49-2	toxic for reproduction
1,2-dimethoxyethane; ethylene glycol dimethyl ether (EGDME)	110-71-4	toxic for reproduction
Diboron trioxide	1303-86-2	toxic for reproduction
Formamide	75-12-7	
Lead(II) bis(methanesulfonate)	17570-76-2	toxic for reproduction
1,3,5-tris(oxiranylmethyl)-1,3,5-triazine-2,4,6-(1H,3H,5H)-trione (TGIC)	2451-62-9	toxic for reproduction
1,3,5-tris[(2S and 2R)-2,3-epoxypropyl]-1,3,5-triazine-2,4,6-(1H,3H,5H)-trione (β-TGIC)	59653-74-6	mutagenic
4,4'-bis(dimethylamino)benzophenone (Michler's ketone)	90-94-8	mutagenic
N,N,N',N'-tetramethyl-4,4'-methylenedianiline (Michler's base)	101-61-1	carcinogenic
[4-[[4-anilino-1-naphthyl][4-(dimethylamino)phenyl]methylene]cyclohexa-2,5-dien-1-ylidene]dimethylammonium chloride (C.I. Basic Blue 26) [with ≥ 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	2580-56-5	carcinogenic
[4-[4,4'-bis(dimethylamino) benzhydrylidene]cyclohexa-2,5-dien-1-ylidene]dimethylammonium chloride (C.I. Basic Violet 3) [with ≥ 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	548-62-9	carcinogenic
4,4'-bis(dimethylamino)-4''-(methylamino)trityl alcohol [with ≥ 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	561-41-1	carcinogenic
α,α-Bis[4-(dimethylamino)phenyl]-4 (phenylamino)naphthalene-1-methanol (C.I. Solvent Blue 4) [with ≥ 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	561-41-1	carcinogenic

1.2.2 Fact Sheets for Integrating Green Infrastructure into National Pollutant Discharge Elimination System Programs

EPA released six fact sheets and four supplements addressing how to integrate green infrastructure into NPDES wet weather programs. The factsheets outline general accountability considerations for green infrastructure, sewer overflows, stormwater, TMDLs, and water quality standards. The supplemental documents detail consent decrees that include green infrastructure provisions and summarize green infrastructure models that can be used to predict the cost and performance of green infrastructure approaches.

The fact sheets and supplements together make up the "Green Infrastructure Permitting and Enforcement Series," which is provided on EPA's [website](#).

1.2.3 Guidance on Requirements of Vessels in the North American Emission Control Area

On 26 June 2012, EPA [released interim guidance](#) outlining how owners and operators of vessels can comply with requirements of the North American Emission Control Area (ECA).

An ECA is an area of water where stringent international pollution standards apply, including sulfur limits. The ECA guidance provides background information about the North American ECA fuel sulfur standards, explains how vessels can comply with the requirements, and describes how an owner or operator of a vessel can make a fuel oil non-availability claim.

The North American ECA requirements will come into effect on 01 August 2012. On that date, the maximum sulfur content of fuel oil used by ships will be limited to 10,000 ppm. On 01 January 2015, the standard will change to 1,000 ppm. More information about the ECA Guidance is included on the EPA [website](#).

1.2.4 Webinar Series for Federal Government Environmental Impact Reduction

The Federal Green Challenge Web Academy has scheduled the following webinars to explore how federal facilities can reduce their environmental impact:

- 19 July 2012–Reducing Energy Use and Increasing Renewable Energy for Federal Facilities
- 30 August 2012–Reducing Transportation Impacts–Federal Green Challenge

- 20 September 2012–Reducing Water Consumption at Federal Facilities

More information regarding the upcoming webinars, as well as archives of past webinars, are available on the EPA [website](#).

1.3 NASA Regulatory Communication Working Group Updates

Regulatory Communication Working Group calls in 2012 are scheduled on the following Wednesdays at 10 a.m. CT:

- 15 August
- 19 September
- 17 October
- 21 November

2.0 State Regulatory Reviews

The following sections provide details about the regulatory actions reviewed for selected states in which NASA facilities and related operations are located.

2.1 Alabama State Regulatory Review

This summary includes items that were reviewed for potential impacts to NASA Centers and related operations in Alabama.

Tracking Number	Subject	Date Published	Ref. Page	Type Action	Description	Suggested Actions
AL062912-1	Water Drinking Water	06/18/2012	77 FR 36274	Notice	U.S. Environmental Protection Agency Public Water System Supervision Program Revision for the State of Alabama Announces tentative approval of Alabama's revision to its Public Water System Supervision Program because the rules are no less stringent than federal regulations. The revision includes the adoption of the following rules: <ul style="list-style-type: none"> ▪ Long Term 1 Enhanced Surface Water Treatment Rule ▪ Long Term 2 Enhanced Surface Water Treatment Rule ▪ Stage 2 Disinfection/Disinfection Byproducts Rule Effective 07/18/2012. 	

2.2 California State Regulatory Review

This summary includes items that were reviewed for potential impacts to NASA Centers and related operations in California.

Tracking Number	Subject	Date Published	Ref. Page	Type Action	Description	Suggested Actions
CA062912-1	Air Monitoring	06/19/2012	ARB Website	Notice	California Air Resources Board Annual Monitoring Network Report for Small Districts Announces availability of the ARB 2012 Annual Monitoring Network Report for Small Districts in California. Comments due 07/19/2012.	
CA062912-2	Air Toxic Air Contaminants	06/21/2012	OEHHA Website	Notice	Office of Environmental Health Hazard Assessment Air Toxics Hot Spots Program Risk Assessment Guidelines: Technical Support Document for Exposure Assessment and Stochastic Analysis Announces availability of the second version of the draft " Air Toxics Hot Spots Program Risk Assessment Guidelines: Technical Support Document for Exposure Assessment and Stochastic Analysis ." The draft document reflects minor revisions in response to comments by the SRP. Meeting materials are available on the ARB website . Availability of the original draft was announced 03/09/2012 and was considered by the SRP during a public meeting on 04/05/2012.	
CA062912-3	Species Western Snowy Plover	06/19/2012	77 FR 36727	Final Rule	U.S. Fish and Wildlife Service Endangered and Threatened Wildlife and Plants: Revised Designation of Critical Habitat for the Pacific Coast Population of the Western Snowy Plover [50 CFR Part 17] Increases the designated critical habitat for the Pacific Coast population of the Western Snowy Plover to a total of 16,337 acres in California. (76 FR 16046 , 03/22/2011). Effective 07/19/2012. [RIN 1018-AX10]	JPL, DFRC, ARC, and SSFL should be aware of this action.

Tracking Number	Subject	Date Published	Ref. Page	Type Action	Description	Suggested Actions
CA062912-4	Toxic Substances 1,3-Butadiene	06/27/2012	OEHHA Website	Notice	Office of Environmental Health Hazard Assessment Notice of Public Comment Period on Proposed Revised Reference Exposure Levels For 1,3-Butadiene Announces an additional public workshop on proposed RELs for 1,3-butadiene. Draft update to the RELs includes the following: <ul style="list-style-type: none"> ▪ Acute REL (1-hour exposure): 0.5 mg/m³ ▪ 8-hour REL (repeated 8-hour exposures): 28 µg/m³ ▪ Chronic REL (long-term exposures): 7 µg/m³ More information is available on the OEHHA website . Public workshops are scheduled for the following dates and locations: <ul style="list-style-type: none"> ▪ 07/06/2012 in Oakland, California ▪ 07/11/2012 in Diamond Bar, California Comments due 07/17/2012...	
CA062912-5	Toxic Substances PCBs	06/26/2012	OEHHA Website	Notice	Office of Environmental Health Hazard Assessment Proposed adoption of NSRL and MADL for PCBs Announces availability of public comments regarding the proposed NSRL and MADL for PCBs. More information about the original proposal is available on the OEHHA website .	
CA062912-6	Toxic Substances Proposition 65	06/22/2012	CRNR 2012, 25z, p. 818	Final Rule	Office of Environmental Health Hazard Assessment Chemicals Listed Effective as Known to the State of California to Cause Cancer Adds the following chemicals to the list of chemicals known to California to cause cancer (CRNR 2012, 3z, p. 58 , 01/20/2012): <ul style="list-style-type: none"> ▪ Benzophenone ▪ Coconut oil diethanolamine (cocamide diethanolamine) ▪ Diethanolamine ▪ 2-Methylimidazole Effective 06/22/2012.	NASA Centers and activities using materials containing these substances should be aware of this action.
CA062912-7	Toxic Substances Proposition 65	06/22/2012	CRNR 2012, 25z, p. 818	Notice	Office of Environmental Health Hazard Assessment Chemicals Known to the State to Cause Cancer or Reproductive Toxicity Announces availability of the updated list of substances known to the state to cause cancer or reproductive toxicity.	
CA062912-8	Toxic Substances SO ₂	06/28/2012	OEHHA Website	Proposed Rule	Office of Environmental Health Hazard Assessment Proposition 65—Regulatory Levels: Chemicals Causing Reproductive Toxicity [27 CFR 25805(b)] Proposes to establish an MADL for SO ₂ of 220 µg/day. Comments due 08/20/2012.	
CA062912-9	Toxic Substances Trichloroethylene	06/29/2012	CRNR 2012, 26z, p. 876	Final Rule	Office of Environmental Health Hazard Assessment Amendment to Specific Regulatory Levels: No Significant Risk Levels [27 CCR 25705] Adopts the following NSRLs for trichloroethylene (CRNR 2012, 11z, p. 342 , 03/16/2012): <ul style="list-style-type: none"> ▪ 14 µg/day for oral exposure ▪ 50 µg/day for inhalation exposure Effective 07/18/2012. Further information regarding this action is available on the OEHHA website .	

Tracking Number	Subject	Date Published	Ref. Page	Type Action	Description	Suggested Actions
CA062912-10	Waste Hazardous Waste	06/22/2012	CRNR 2012, 25z, p. 838	Final Rule	<p>Department of Toxic Substances Control</p> <p>Removal of K-Code Wastes in Land Disposal Restrictions [22 CCR 66261.32 and Appendix VII]</p> <p>Final rule conforms 22 CCR 66261.32 and Appendix VII to comparable federal regulations by removing the following five chemical waste designations from waste regulations:</p> <ul style="list-style-type: none"> ▪ K064: Primary copper slurry/sludge ▪ K065: Primary lead surface impoundment solids ▪ K066: Primary zinc: sludge ▪ K090 and K091: Ferroalloys dust or sludge <p>Effective 06/12/2012.</p>	
CA062912-11	Water Stormwater-Permits	06/19/2012	LARWOCB Website	Notice	<p>Los Angeles Regional Water Quality Control Board</p> <p>Tentative Waste Discharge Requirements For Municipal Separate Storm Sewer System (MS4) Discharges Within The County Of Los Angeles Flood Control District, Including The County of Los Angeles and Incorporated Cities Therein, Except The City Of Long Beach</p> <p>Announces the release of a draft MS4 permit for the Los Angeles County Flood Control District. Changes to be discussed include the following:</p> <ul style="list-style-type: none"> ▪ TMDL provisions ▪ Monitoring requirements ▪ Requirements for minimum control measures <p>A tentative permit is available for review. The following meetings are scheduled to be held in Los Angeles, California:</p> <ul style="list-style-type: none"> ▪ 07/09/2012 - Public workshop ▪ 09/06/2012 - Public hearing <p>Comments due 07/23/2012.</p>	NASA Centers and related operations should be aware of this action.
CA062912-12	Water Stormwater-Permits	06/29/2012	SWRCB Website	Notice Hearing	<p>State Water Resources Control Board</p> <p>Phase II Small Municipal Separate Storm Sewer System (MS4) Program</p> <p>Announces a public hearing to discuss the Revised Draft NPDES General Permit for Storm Water Discharges from Small MS4s. Hearing is scheduled for 08/08/2012 in Sacramento, California.. Comments due 07/23/2012.</p>	
CA062912-13	Water Surface Water-Pesticides	06/29/2012	CRNR 2012, 26z, p. 876	Final Rule	<p>Department of Pesticide Regulation</p> <p>Prevention of Surface Water Contamination [3 CCR 6000, 6790, and 6792]</p> <p>Adopts the following proposed regulations (CRNR 2011, 43z, p. 1720, 10/28/2011):</p> <ul style="list-style-type: none"> ▪ Amendments to the Pesticide Regulatory Program Definitions [3 CCR 6000] ▪ Surface Water Protection in Outdoor Nonagricultural Settings [3CCR 6790] ▪ Exemptions from Surface Water Protection in Outdoor Nonagricultural Settings [3 CCR 6792] <p>Identifies pesticides that have a high potential to contaminate surface water, and offers guidance for pesticides application. More information is available on the DPR website. Effective 07/19/2012.</p>	
CA062912-14	Water Wastewater	06/15/2012	SWRCB Website	Proposed Rule	<p>State Water Resources Control Board</p> <p>Wastewater Treatment Plan Classification, Operator Certification, and Contract Operator Registration Program [23 CCR 3670]</p> <p>Proposes changes to definitions, requirements, and fees related to the following:</p> <ul style="list-style-type: none"> ▪ Wastewater Treatment Plan Classification ▪ Operator Certification ▪ Contract Operator Registration Program <p>Public hearing is scheduled for 08/07/2012 in Sacramento, California. Comments due 07/30/2012.</p>	

2.2.1 Cap-and-Trade Plan Upheld by California Court

On 19 June 2012, the First District Court of Appeal upheld California's plan to implement a market-based cap-and-trade system to limit emissions of GHGs, thereby rejecting some environmental groups' arguments that the rules are too weak and could worsen certain types of air pollution. According to the [ruling](#), the California ARB gave adequate reasons for rejecting alternatives such as binding limits on emissions and a tax on carbon-based fuels. The board's rules, scheduled to take effect next year, implement AB 32, a California law passed in 2006 that requires California to reduce GHG emissions to 1990 levels by 2020. Further information on California's GHG Cap and Trade Program is available on the ARB [website](#).

2.2.2 Funds Awarded to Encourage Use of Alternative Transportation Fuels

On 13 June 2012, the California Energy Commission (CEC) approved funding of more than \$23 million for projects related to the development of green fuels and the installation of fueling stations. The awards are provided through the Alternative and Renewable Fuel and Vehicle Technology Program, created by AB 118. The award recipients and additional information are available on the [CEC website](#).

2.2.3 California Air Districts Regulatory Review

2.2.3.1 Antelope Valley Air Quality Management District

This summary includes items that were reviewed for potential impacts to NASA Centers and related operations in the [Antelope Valley Air Quality Management District](#).

Tracking Number	Subject	Date Published	Ref. Page	Type Action	Description	Suggested Actions
CAA062912-1	Air CEMS	06/21/2012	AVAQMD Website	Proposed Rule	<p>Antelope Valley Air Quality Management District Continuous Emissions Monitoring [Rule 218] and Continuous Emissions Monitoring Performance Specifications [Rule 218.1]</p> <p>Proposes the following updates to align rules with amended technical and quality assurance requirements of Rule 431.1—Sulfur Content in Gaseous Fuels:</p> <ul style="list-style-type: none"> Amend Rule 218 as follows: <ul style="list-style-type: none"> Delete obsolete language Clarify administrative requirements Delete performance specification language Adopt new Rule 218.1, which would include the following: <ul style="list-style-type: none"> Revising and identifying CEMS performance specifications Providing exemptions for sources subject to NSPS, NESHAP, and Acid Rain Programs that require CEMS <p>A draft staff report, including proposed changes, is available for review. Public hearing is scheduled for 07/17/2012 in Lancaster, California.</p>	

2.2.3.2 Bay Area Air Quality Management District

No regulatory items of interest were identified during this reporting period for the [Bay Area Air Quality Management District](#).

2.2.3.3 Eastern Kern Air Pollution Control District

No regulatory items of interest were identified during this reporting period for the [Eastern Kern Air Pollution Control District](#).

2.2.3.4 Mojave Desert Air Quality Management District

No regulatory items of interest were identified during this reporting period for the [Mojave Desert Air Quality Management District](#).

2.2.3.5 South Coast Air Quality Management District

This summary includes items that were reviewed for potential impacts to NASA Centers and related operations in the [South Coast Air Quality Management District](#).

Tracking Number	Subject	Date Published	Ref. Page	Type Action	Description	Suggested Actions
CAS062912-1	Air Fees	06/26/2012	SCAQMD Website	Notice	South Coast Air Quality Management District Fees [Regulation III] Finalizes the automatic annual CPI fee increase of 2.4 percent. Effective 07/01/2012.	
CAS062912-2	Air SIP-VOCs	06/20/2012	77 FR 37359	Proposed Rule	U.S. Environmental Protection Agency Revisions to the California State Implementation Plan, South Coast Air Quality Management District; San Joaquin Valley Unified Air Pollution Control District [40 CFR Part 52] Proposes to approve revisions to the SCAQMD portion of the state SIP concerning VOC emissions from chipping and grinding activities and composting operations. Comments due 07/23/2012.	

2.2.3.6 Ventura County Air Pollution Control District

No regulatory items of interest were identified during this reporting period for the [Ventura County Air Pollution Control District](#).

2.3 Florida State Regulatory Review

This summary includes items that were reviewed for potential impacts to NASA Centers and related operations in Florida.

Tracking Number	Subject	Date Published	Ref. Page	Type Action	Description	Suggested Actions
FL062912-1	Air Permit Fees	06/29/2012	FAW Notice #11614312	Notice Rulemaking	Department of Environmental Protection Annual Emissions Fee [Chapter 62-213.205, F.A.C.] Announces development of rulemaking to propose the following amendments: <ul style="list-style-type: none"> Delete subsections that repeat statutory language. Decrease the annual emissions fee a Title V source will have to pay for calendar year 2013 and thereafter. 	
FL062912-2	Waste Hazardous Waste; Used Oil	06/22/2012	FAW Notice #11566103 ; FAW Notice #11566297	Notice Rulemaking	Department of Environmental Protection Hazardous Waste [Chapter 62-730, F.A.C.]; Used Oil Management [Chapter 62-710, F.A.C.] Announces development of rulemakings to amend identified rules in the FDEP's 2011-2012 Regulatory Plan to clarify and simplify regulatory language and requirements..	
FL062912-3	Water	06/22/2012	FAW Notice #11600732	Notice Workshop	Department of Environmental Protection Clean Marina Compliance Assistance Workshop Announces a workshop for new and existing marine and freshwater marinas, boatyards, and retailers to discuss the following topics: <ul style="list-style-type: none"> Marina safety measures Regulations Best management practices Clean Marina Program Workshop is scheduled for 07/26/2012 in Tarpon Springs, Florida.	

Tracking Number	Subject	Date Published	Ref. Page	Type Action	Description	Suggested Actions
FL062912-4	Water ERP	06/22/2012	FAW Notice #11635070	Notice Rulemaking	<p>Department of Environmental Protection Environmental Resource Permitting [Chapter 62-330, F.A.C.]</p> <p>Announces a development of rulemaking to establish statewide ERP rules governing the following:</p> <ul style="list-style-type: none"> Construction Alteration Operation Maintenance Repair Abandonment Removal of the following items: <ul style="list-style-type: none"> Stormwater management systems Dams Impoundments Reservoirs Appurtenant works <p>Additional information is available for review.</p>	
FL062912-5	Water SJRWMD	06/22/2012	FAW Notice #11624497	Notice Meeting	<p>St. Johns River Water Management District Governing Board Meeting</p> <p>Announces a meeting to discuss regulatory and non-regulatory matters. Agenda to be posted before the meeting. Meeting is scheduled for 07/10/2012 in Palatka, Florida.</p>	
FL062912-6	Water SJRWMD	06/22/2012	FAW Notice #11624691	Notice Meeting	<p>St. John's River Water Management District Projects and Land Committee Meeting</p> <p>Announces a meeting to discuss agenda items, followed by committee recommendations to be approved by the full Governing Board. Agenda to be posted before the meeting. Meeting is scheduled for 07/09/2012 in Palatka, Florida.</p>	
FL062912-7	Water SJRWMD	06/22/2012	FAW Notice #11625370	Notice Workshop	<p>St. John's River Water Management District 26th Annual Environmental Permitting Summer School</p> <p>Announces a summer school that focuses on the following updates:</p> <ul style="list-style-type: none"> Development and changes to Florida's growth management laws and rules Numeric nutrient criteria New legislation <p>School is scheduled for 07/17/2012 through 07/20/2012 in Marco Island, Florida.</p>	
FL062912-8	Water SJRWMD	06/29/2012	FAW Notice #11653209	Proposed Rule	<p>St. John's River Water Management District Publications Incorporated by Reference [Chapter 40C.101, F.A.C.]</p> <p>Proposes to specify information requirements for a Consumptive Use Permit applicant to document the availability of reclaimed water for the applicant's use. Proposed rule is available for review. Comments due 07/20/2012.</p>	
FL062912-9	Water SJRWMD	06/29/2012	FAW Notice #11660775	Proposed Rule	<p>St. John's River Water Management District Amendments to and Releases of Conservation Easements [Chapter 40C-1.1101, F.A.C.]</p> <p>Proposes to release or amend a new category of conservation easements. Proposed rule is available for review. Comments due 07/20/2012.</p>	

2.4 Louisiana State Regulatory Review

This summary includes items that were reviewed for potential impacts to NASA Centers and related operations in Louisiana.

Tracking Number	Subject	Date Published	Ref. Page	Type Action	Description	Suggested Actions
LA062912-1	Waste Hazardous Waste	06/28/2012	77 FR 38530	Final Rule	U.S. Environmental Protection Agency Louisiana: Final Authorization of State Hazardous Waste Management Program Revision [40 CFR Part 271] Final rule authorizes revisions to the Louisiana hazardous waste program under RCRA. Louisiana facilities regulated under RCRA are to follow authorized Louisiana requirements instead of equivalent federal requirements. Effective 08/27/2012. Comments due 07/30/2012.	MAF should be aware of this action.

2.5 Maryland State Regulatory Review

This summary includes items that were reviewed for potential impacts to NASA Centers and related operations in Maryland.

Tracking Number	Subject	Date Published	Ref. Page	Type Action	Description	Suggested Actions
MD062912-1	Air NESHAP and NSPS	06/20/2012	77 FR 37039	Notice	U.S. Environmental Protection Agency Delegation of Authority to the State of Maryland to Implement and Enforce Additional or Revised National Emission Standards for Hazardous Air Pollutants and New Source Performance Standards Announces availability of EPA's 04/16/2012 letter acknowledging Maryland's updated delegation of authority to implement and enforce NESHAP and NSPS requirements.	

2.6 Mississippi State Regulatory Review

This summary includes items that were reviewed for potential impacts to NASA Centers and related operations in Mississippi.

Tracking Number	Subject	Date Published	Ref. Page	Type Action	Description	Suggested Actions
MS062912-1	Air Title V-Fees	06/28/2012	MAB #18952	Final Rule	Mississippi Department of Environmental Quality Air Emissions Operating Permit Regulations for the Purposes of Title V of the Federal Clean Air Act [APC-S-6] Amends state Title V regulations with the requirements of state Senate Bill 2812 , which removed the maximum amount of annual Title V permit fees that could be assessed. Effective 07/28/2012.	

2.7 New Mexico State Regulatory Review

This summary includes items that were reviewed for potential impacts to NASA Centers and related operations in New Mexico.

Tracking Number	Subject	Date Published	Ref. Page	Type Action	Description	Suggested Actions
NM062912-1	Water Drinking Water	06/29/2012	NM Register Vol. 23, No. 12	Notice	Environmental Improvement Board Wastewater and Water Supply Facilities, Drinking Water [20.7.10 NMAC] Announces a public hearing to consider revisions to 20.7.10 NMAC, New Mexico Drinking Water Regulations, and is a continuation of the 01/03/2012 and 05/07/2012 hearings. Revisions would incorporate by reference the National Primary Drinking Water Regulations, 40 CFR Part 141 . Hearing is scheduled for 07/09/2012 in Santa Fe, New Mexico. Comments due 07/09/2012.	

2.8 Ohio State Regulatory Review

This summary includes items that were reviewed for potential impacts to NASA Centers and related operations in Ohio. An archive of public notices for previous biweekly reporting periods, including past years, is available on the OEPA [website](#).

Tracking Number	Subject	Date Published	Ref. Page	Type Action	Description	Suggested Actions
OH062912-1	Air Lead	06/26/2012	DAPC Website- What's New	Notice	Division of Air Quality, Ohio Environmental Protection Agency Submission of Attainment Demonstration for the Partial Cuyahoga Lead Nonattainment Area to EPA Announces submittal of " Ohio's 2008 Revised Lead Standard State Implementation Plan for Cuyahoga County Partial Nonattainment Area ," a final attainment demonstration SIP for the partial Cuyahoga County NAA. On 12/27/2010, EPA promulgated the initial lead NAAs for the revised lead standard (75 FR 81126). The rules require states with lead NAAs to submit a plan within 18 months of the effective date detailing how the lead standard will be attained by 12/31/2015.	

2.9 Texas State Regulatory Review

This summary includes items that were reviewed for potential impacts to NASA-related operations in Texas.

Tracking Number	Subject	Date Published	Ref. Page	Type Action	Description	Suggested Actions
TX062912-1	Air SIP	06/19/2012	77 FR 36400	Final Rule	U.S. Environmental Protection Agency Approval and Promulgation of Air Quality Implementation Plans; Texas; Determination of Failure to Attain the 1-Hour Ozone Standard [40 CFR Part 52] Final action determines that the HGB area did not attain the 1-hour ozone NAAQS by its applicable attainment date of 11/15/2007. As a severe 1-hour NAA, the HGB area is not subject to reclassification for the 1-hour standard. Effective 07/19/2012.	

Tracking Number	Subject	Date Published	Ref. Page	Type Action	Description	Suggested Actions
TX062912-2	Air SIP	06/20/2012	77 FR 36964	Proposed Rule	<p>U.S. Environmental Protection Agency</p> <p>Approval and Promulgation of Implementation Plans; Texas; Revisions to the New Source Review (NSR) State implementation Plan (SIP); Antibacksliding of Major NSR SIP Requirements for the One-Hour Ozone National Ambient Air Quality Standards (NAAQS); Major Nonattainment NSR (NNSR) SIP Requirements for the 1997 Eight-Hour Ozone NAAQS; and Major NSR Reform Program [40 CFR Part 52]</p> <p>Proposes to approve revisions to the Texas SIP that relate to the following:</p> <ul style="list-style-type: none"> Antibacksliding of the Major NSR SIP requirements for the 1-hour ozone NAAQS Major NSR SIP requirements for the 1997 8-hour ozone NAAQS Major NSR reform program with PAL provisions Non-PAL aspects of the major NSR SIP requirements <p>Comments due 07/20/2012.</p>	
TX062912-3	Hazardous Materials Transportation	06/19/2012	77 FR 36605	Notice	<p>Pipeline and Hazardous Materials Safety Administration, U.S. Department of Transportation</p> <p>Office of Hazardous Materials Safety Notice of Delays in Processing of Special Permits Applications</p> <p>Announces delay of staff review for Permit Application 15515-N, NASA, Houston, Texas, as a result of other priority issues or volume of special permit applications. Estimated date of completion is 07/31/2012.</p>	

2.10 Utah State Regulatory Review

This summary includes items that were reviewed for potential impacts to NASA-related operations in Utah.

Tracking Number	Subject	Date Published	Ref. Page	Type Action	Description	Suggested Actions
UT062912-1	Air SIP	06/25/2012	77 FR 37859	Proposed Rule	<p>U.S. Environmental Protection Agency</p> <p>Approval and Promulgation of Air Quality Implementation Plans; Revisions to UAC Rule 401–Permit: New and Modified Sources [40 CFR Part 52]</p> <p>Proposes to approve or conditionally approve SIP revisions that would accomplish the following:</p> <ul style="list-style-type: none"> Renumber and re-codify portions of the SIP. Modify the definition of a “boiler” in R307-401-14(1) without yielding substantive change to the definition. Exempt from notice of intent and approval order requirements the following sources and activities if estimated VOC and HAP emissions are below certain de minimis thresholds: <ul style="list-style-type: none"> Air strippers Soil venting Soil aeration projects <p>EPA concludes that these changes are consistent with the CAA. Comments due 07/25/2012.</p>	
UT062912-2	Air SIP–Open Burning	06/19/2012	77 FR 36443	Proposed Rule	<p>U.S. Environmental Protection Agency</p> <p>Disapproval and Promulgation of Air Quality Implementation Plans; Revision to Open Burning Regulations [40 CFR Part 52]</p> <p>Proposes to disapprove SIP revision submitted on 10/10/1999 that would have extended the beginning of the annual open burning window from 30 March to 01 March. Comments due 07/19/2012.</p>	NASA-related operations should be aware of this action.

2.11 Virginia State Regulatory Review

This summary includes items that were reviewed for potential impacts to NASA Centers and related operations in Virginia.

Tracking Number	Subject	Date Published	Ref. Page	Type Action	Description	Suggested Actions
VA062912-1	Air Open Burning	06/28/2012	VDEQ Website	Notice	Virginia Department of Environmental Quality State Air Pollution Control Board Regulation for Open Burning [9VAC5-130] Announces an intended proposed action to establish regulations for open burning to reduce VOC emissions and to limit air pollution in NAAs. Comments due 08/01/2012.	
VA062912-2	Energy Solar Energy	06/18/2012	28:21 VA.R. 1640-1649	Final Rule	Virginia Department of Environmental Quality Small Renewable Energy (Solar) Permit-by-Rule [9VAC15-60] Establishes regulations for permits by-rule for solar energy projects with a rated capacity not exceeding 100 megawatts. Effective 07/18/2012.	
VA062912-3	Waste Solid Waste	06/27/2012	VDEQ Website	Notice	Virginia Department of Environmental Quality 2011 Annual Solid Waste Report Announces availability of Virginia's 2011 Annual Solid Waste Report .	
VA062912-4	Water TMDLs	06/28/2012	VDEQ Website	Notice	Virginia Department of Environmental Quality Notice of Public Meeting and Public Comment for Several TMDL studies in Waters in Accomack County Announces public meeting and public comment period for TMDL studies for several water bodies in Accomack County. Meeting is scheduled for 07/18/2012 in Accomack, Virginia. Comments due 08/17/2012.	WFF should be aware of these studies.